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TPDS 79-62

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Contract for Army Model of [] Stereocomparator

Chief, Admin. Staff, NPIC
THRU: Chief, TP&DS, NPIC

SIO, Army

16 Apr 62

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1. [] TP&DS, and [] Army, have discussed the first [] Stereocomparator which was recently delivered and calibrated at NPIC. [] was permitted to use [] for about one hour. As a result of this brief orientation on the instrument and a discussion with [] the following items should be provided for in the contract for the Army []

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a. The instrument should be designed to operate "On Line" with the central computer [] The three purchased by NPIC were not designed for "On Line" operation because the decision to have a central computer with "On Line" capabilities had not been made when the original contract was signed.

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b. The instrument should have an alternate capability of producing a hard copy typewriter print out which can be used when the central computer is out of operation.

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c. A tape punch capability is not needed. [] stated that the "On Line" capability would be available as soon as the computer is operational.

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d. The contract should provide for the set up and calibration by [] personnel.

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e. It is recommended that the Army [] be included with the three NPIC stereocomparators in a regular maintenance service contract to provide for regular preventive maintenance (about once each two months), and emergency service as required.

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f. Delivery date should be after [] is ready for occupancy, about January or February of 1963. The instrument should not be delivered prior to this date due to the shortage of storage space and the possibility of damage to the instrument prior to calibration.

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g. The control panel on the Army [] will be changed slightly to incorporate additional switches for "On Line" operation. Two of the switches on the present panel are too small for efficient use. These are the General Recording Button and the Error Code Button. These switches should have a larger diameter on the Army model so that one finger can press either of these without having to use the fingernail.

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Declass Review by NIMA/DOD

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2. As a general impression [] seems to operate very smoothly and should be of great value to the Army effort. The availability of various colored lights for viewing and the range of magnifications from 4½ to 18 power are very good features.

3. The contract should be negotiated as soon as possible since the funds allocated are from FY 62 and must be expended by 1 July 1962 [] has informally learned that [] has stated working on the electronics and has not been told of the "On Line" modification for the Army []

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[]
Lt. Col., GS
SIO, Army

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